

Claims:

- 1 1. A personal alarm system remote unit equipped parachute, comprising:
2 a navigational receiver providing navigational information relating to the remote unit
3 location;
4 a radio transmitter connected for transmitting the navigational information;
5 means for activating a transmission of the navigational information; and
6 a parachute containing the navigational receiver, the radio transmitter, and the
7 transmission activating means.
- 1 2. The alarm system remote unit equipped parachute of claim 1, wherein the
2 transmission of navigational information is voice activated.
- 1 3. The alarm system remote unit equipped parachute of claim 1, wherein the
2 transmission of navigational information is activated by pressing a panic button.
- 1 4. The alarm system remote unit equipped parachute of claim 1, wherein the
2 transmission of navigational information is activated by deployment of the parachute.
- 1 5. The alarm system remote unit equipped parachute of claim 1, wherein the
2 navigational receiver is a wireless assisted GPS receiver.
- 1 6. The alarm system remote unit equipped parachute of claim 1, wherein the
2 navigational receiver is a hybrid GPS receiver.
- 1 7. The alarm system remote unit equipped parachute of claim 1, wherein the
2 navigational receiver is a GPS receiver.
- 1 8. The alarm system remote unit equipped parachute of claim 7, wherein the
2 navigational receiver provides demodulated GPS data and the radio transmitter transmits
3 the demodulated GPS data and precise time-of-day information.

1 9. The alarm system remote unit equipped parachute of claim 7, wherein the
2 navigational receiver provides calculated time delay of arrival location information,
3 permitting the radio transmitter to transmit a location of the remote unit equipped
4 parachute.

1 10. The alarm system remote unit equipped parachute of claim 1, wherein the radio
2 transmitter is one of a cellular telephone, a PCS telephone, a satellite telephone and a
3 wireless telephone.

1 11. A base station for receiving navigational information from an alarm system remote
2 unit equipped parachute, and for displaying the parachute location.

1 12. The alarm system remote unit equipped parachute of claim 1, wherein the alarm
2 system remote unit is detachable from the parachute harness.

1 13. The alarm system remote unit equipped parachute of claim 1, further including a
2 GPS location display on the remote unit.

1 14. The alarm system remote unit equipped parachute of claim 1, wherein the alarm
2 system remote unit is shock and water resistant.

1 15. A parachute for use with a self-locating personal alarm system remote unit,
2 comprising:
3 a parachute having a harness;
4 the harness including means for attaching a self-contained self-locating personal
5 alarm system remote unit; and
6 means for activating a held/attached remote unit when the parachute is deployed.

1 16. The parachute according to claim 15, wherein the attaching means is a pocket
2 disposed on the harness, and a self-contained self-locating personal alarm system remote
3 unit is placed within the pocket.

1 17. The parachute according to claim 15, wherein the attaching means is a fastener
2 disposed on the harness, and wherein a self-contained self-locating personal alarm system
3 remote unit is equipped with a compatible fastener for attaching to the harness.

1 18. A self-contained, self-locating alarm system remote unit for use with a parachute
2 having means for activating the remote unit when the parachute is deployed.